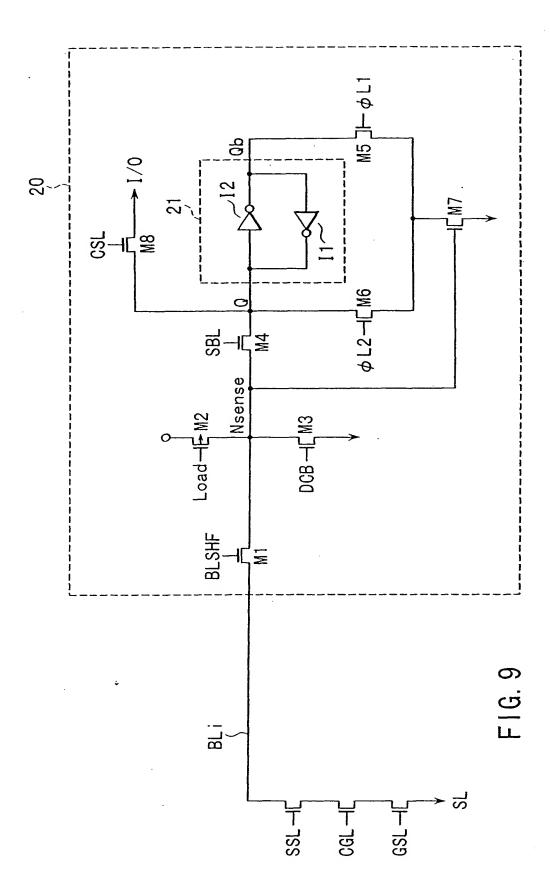


FIG. 8



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-PROGRAM AND ERASE OPERATION FOR BYTE DATA

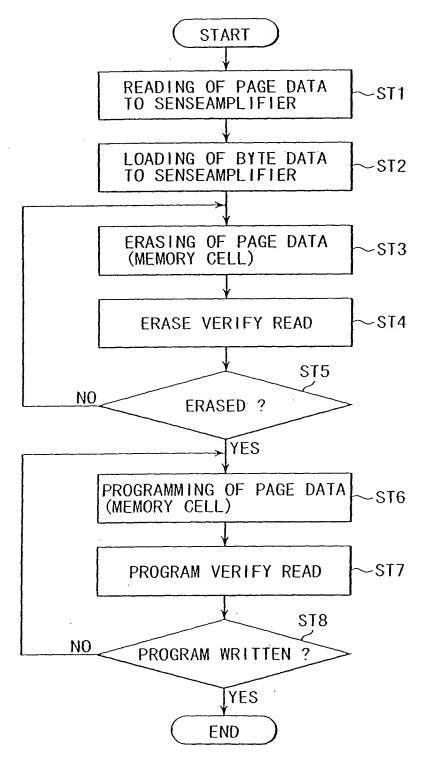
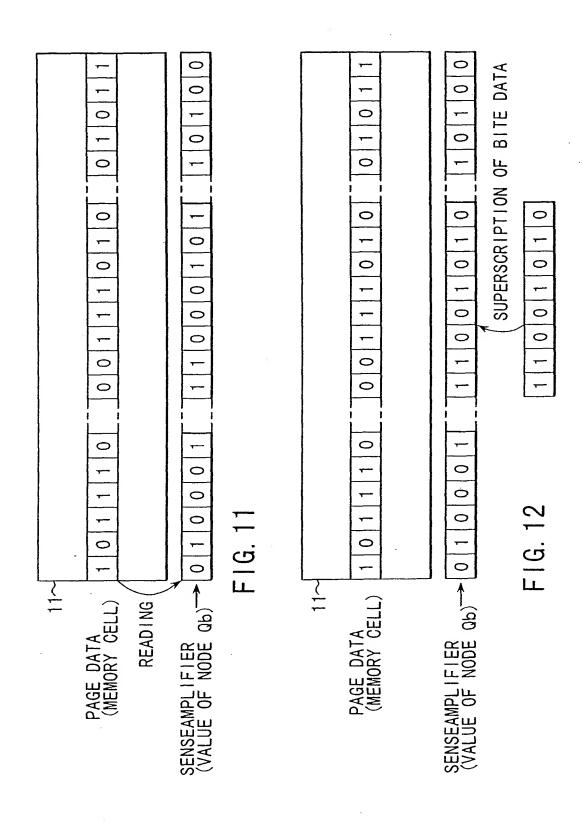
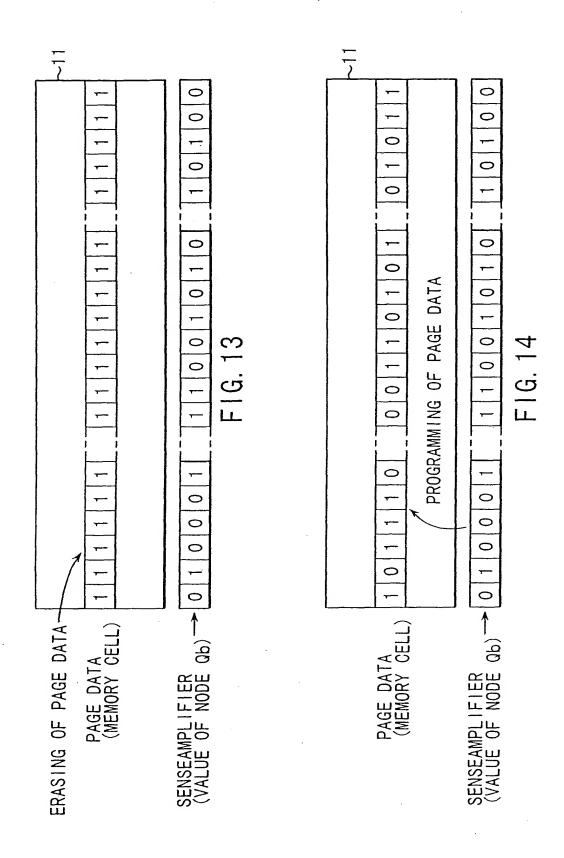


FIG. 10





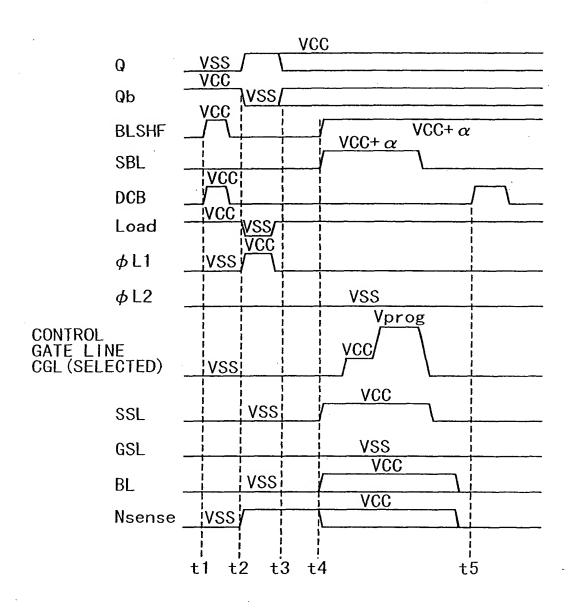


FIG. 15

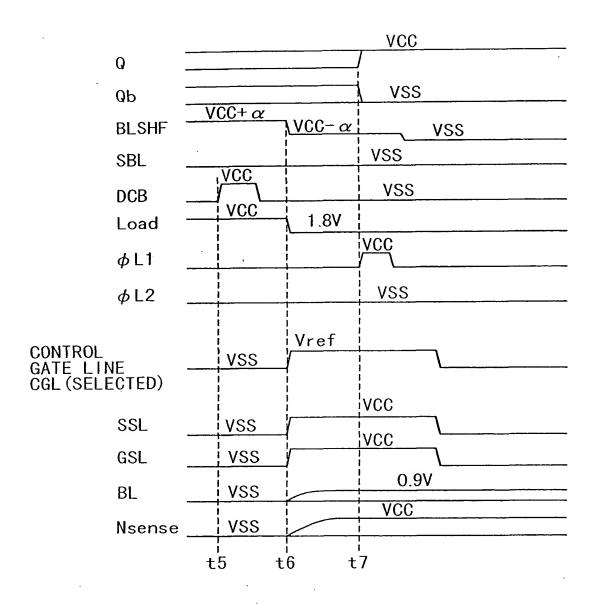
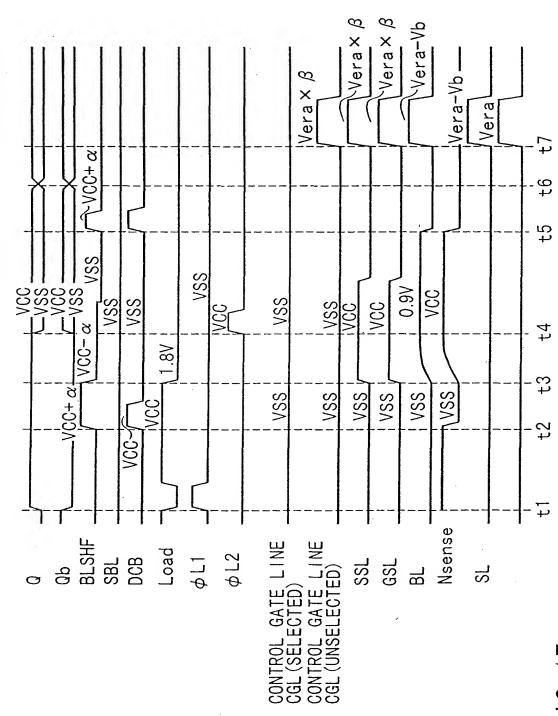
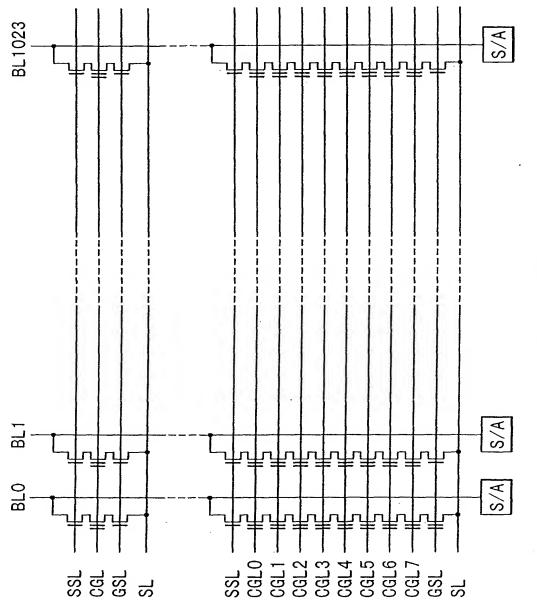


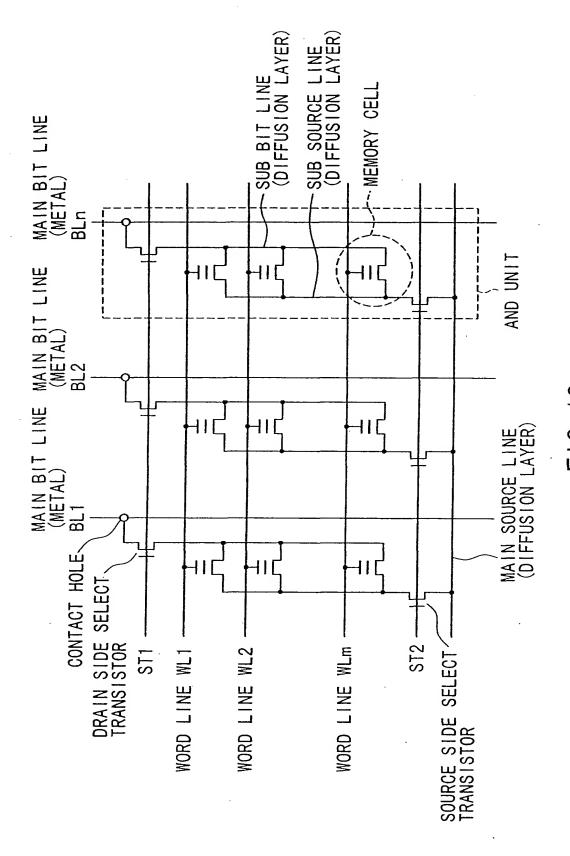
FIG. 16



F1G. 17



F1G. 18



F1G. 19

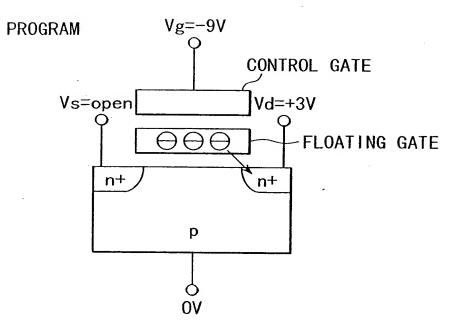


FIG. 20

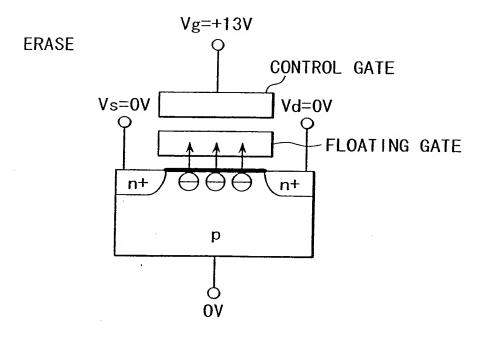
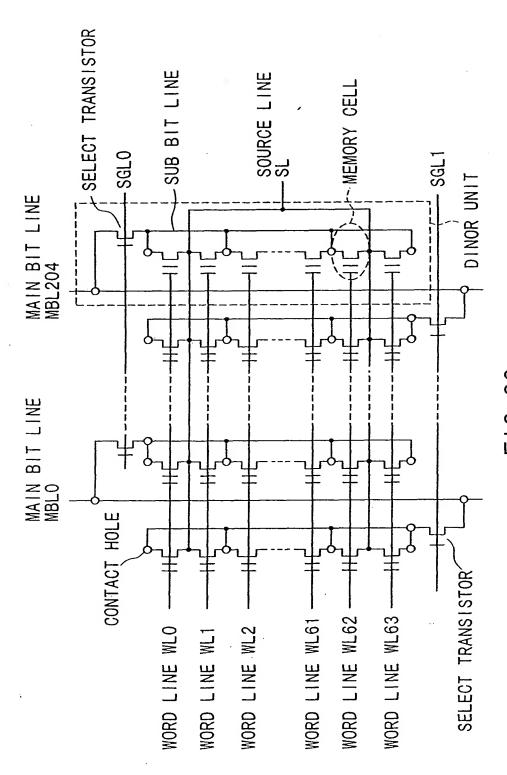
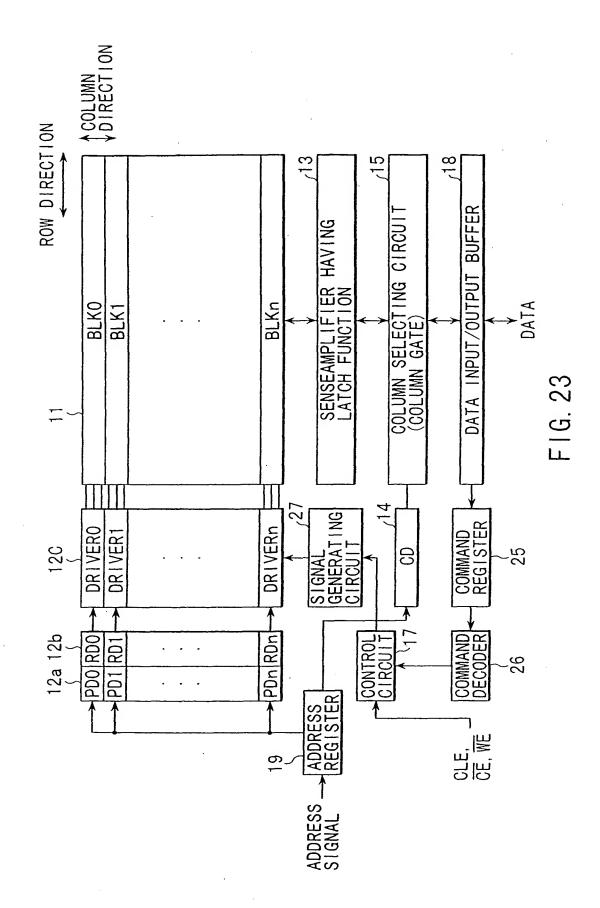
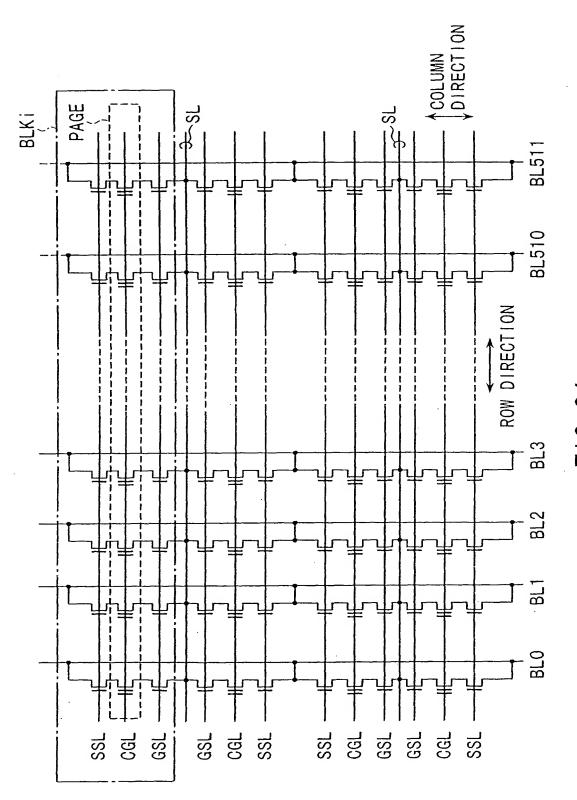


FIG. 21

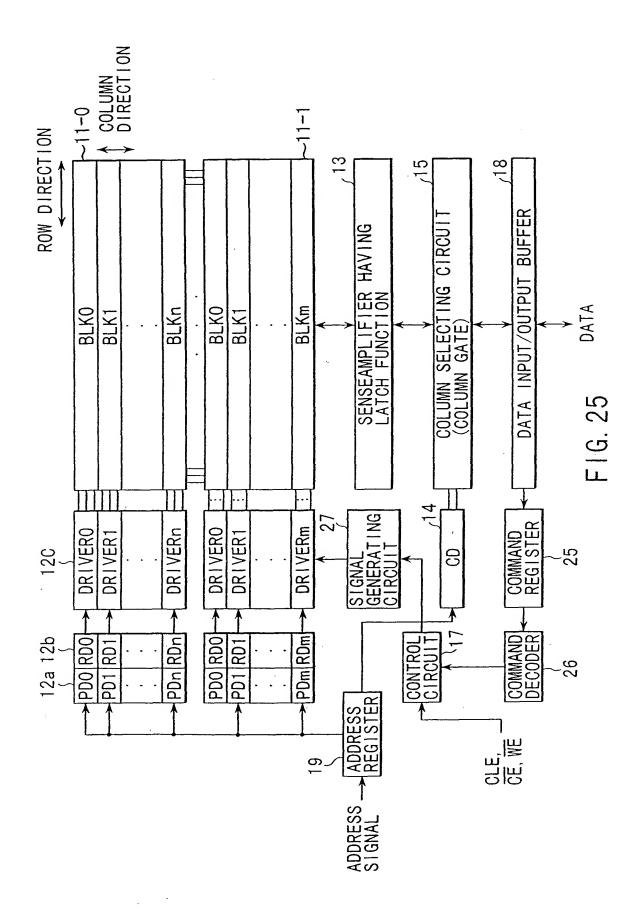


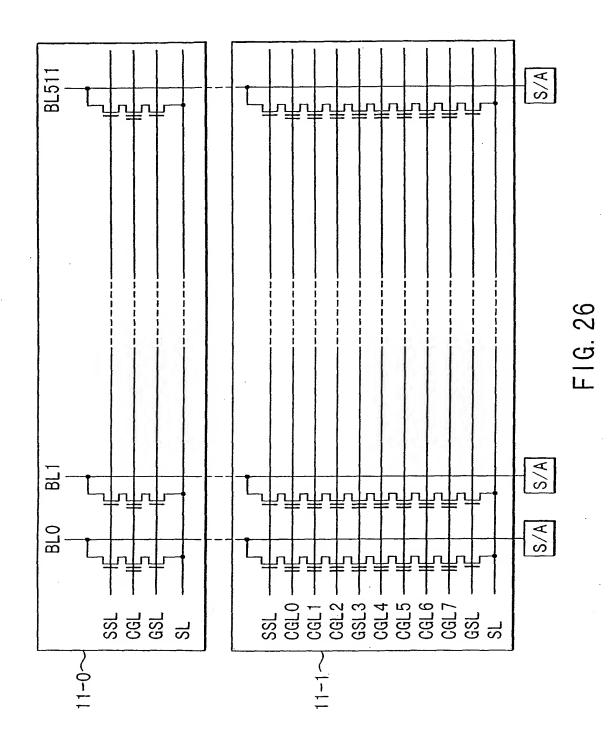
F1G. 22





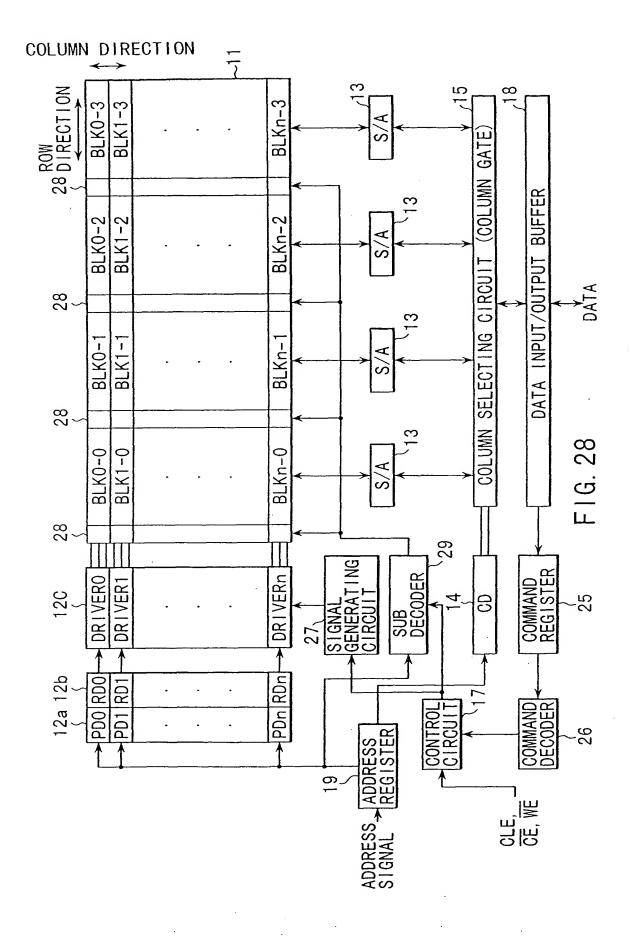
F1G. 24





-PROGRAM AND ERASE OPERATION FOR BYTE DATA 11 PAGE DATA 0110111 1 0 1 1 1 1 0 (MEMORY CELL) READING SENSEAMPLIFIER 010001 1110000101 |1|0|1|0|0| (VALUE OF NODE Qb) 11 PAGE DATA 101110 001 011011 (MEMORY CELL) (VALUE OF NODE Qb) 010001 SENSEAMPLIFIER 110010 101100 SUPERSCRIPTION OF BYTE DATA 11001010 11 ERASING OF PAGE DATA PAGE DATA 1 1 1 1 1 (MEMORY CELL) SENSEAMPLIFIER (VALUE OF NODE Qb) 010001 1110011010 Û 11 PAGE DATA 1 0 1 1 1 1 0 1010111110111011 (MEMORY CELL) PROGRAMMING OF PAGE DATA SENSEAMPLIFIER →010001 10100 1 1 1 0 0 1 0 1 0 1 0 (VALUE OF NODE Qb)

FIG. 27



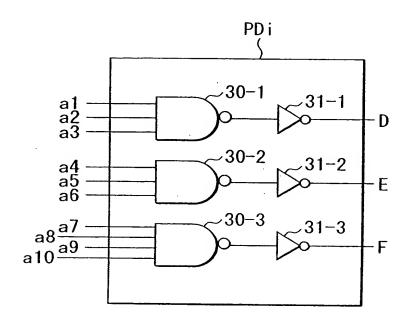
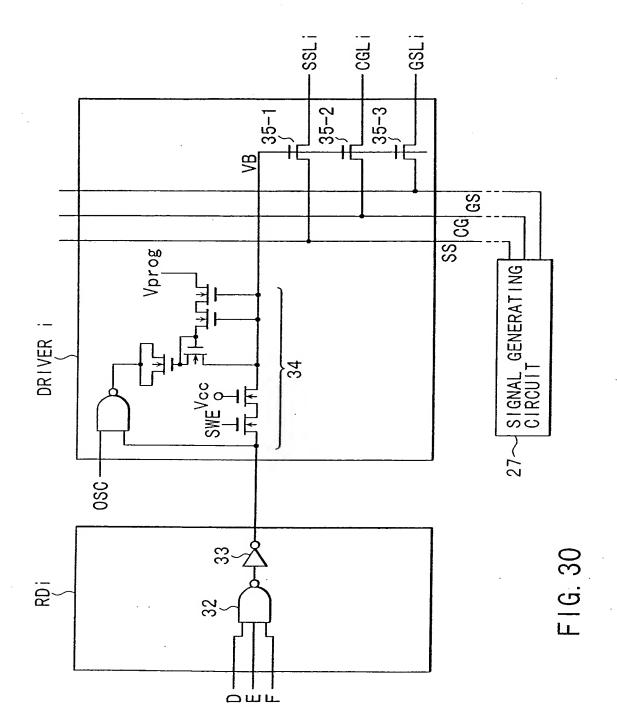
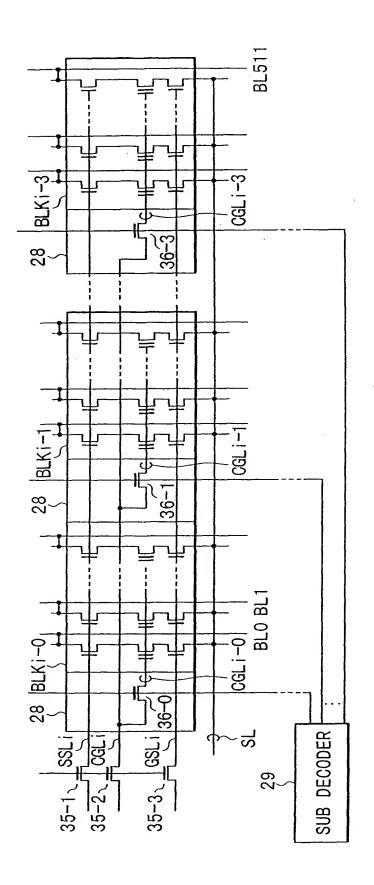


FIG. 29





F1G. 31

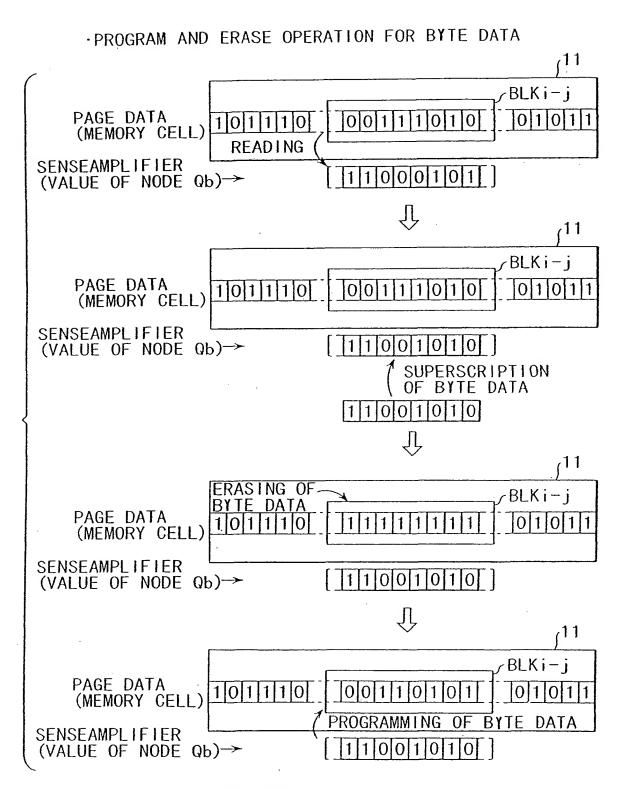


FIG. 32

PROGRAM AND ERASE OPERATION FOR BYTE DATA

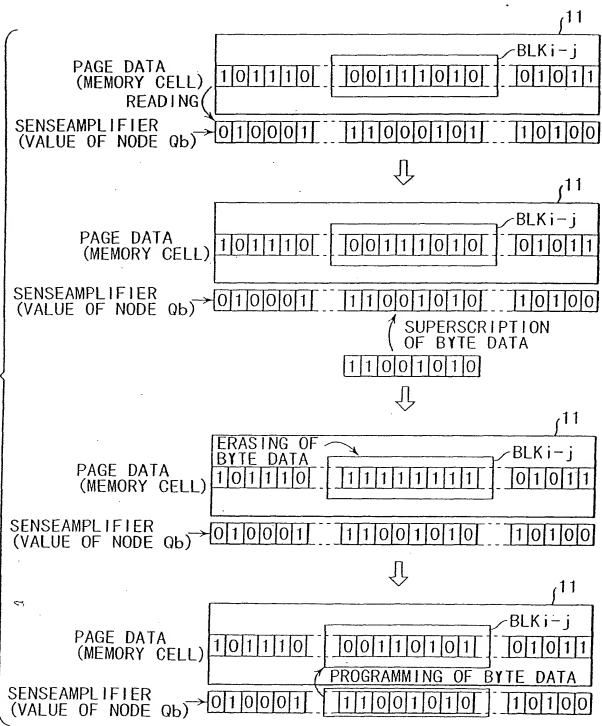
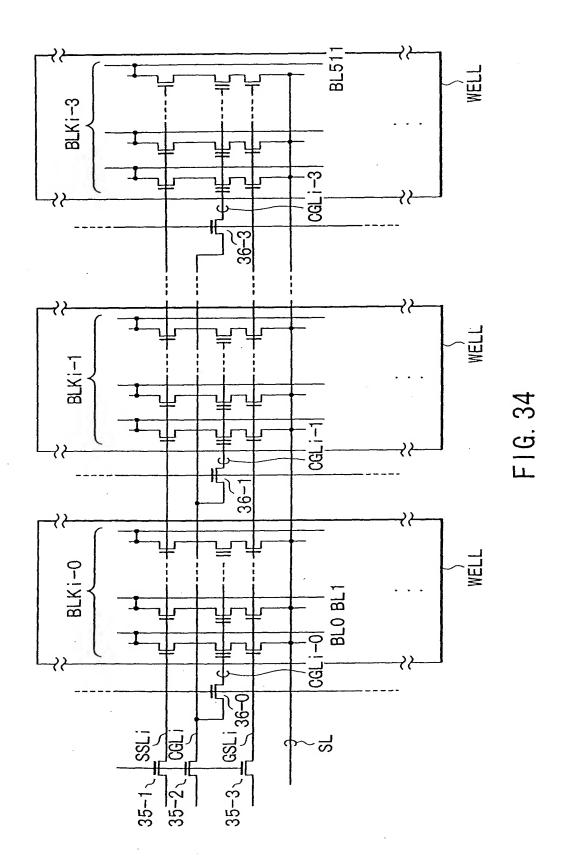
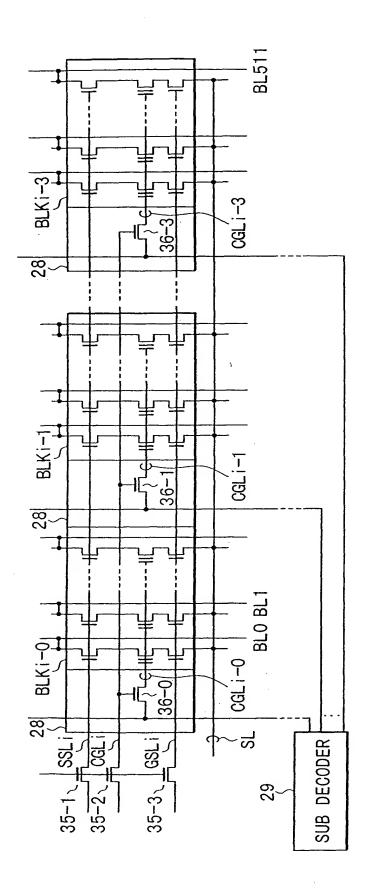


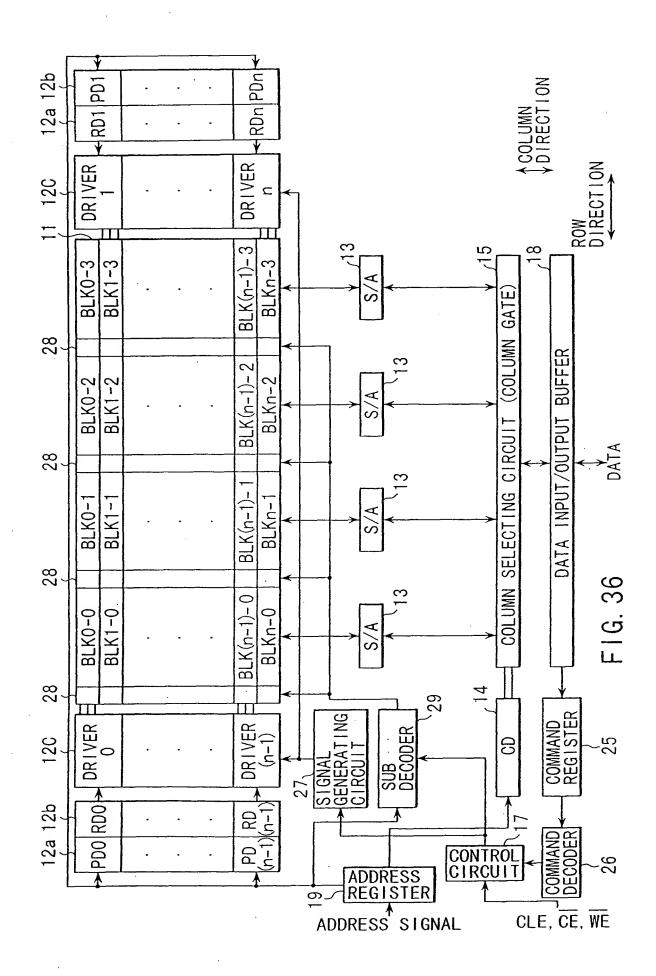
FIG. 33

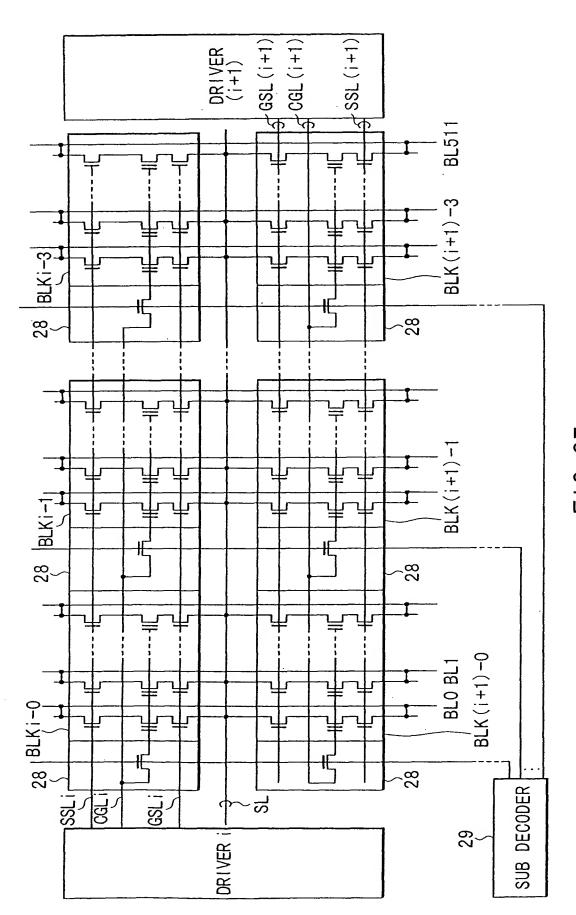




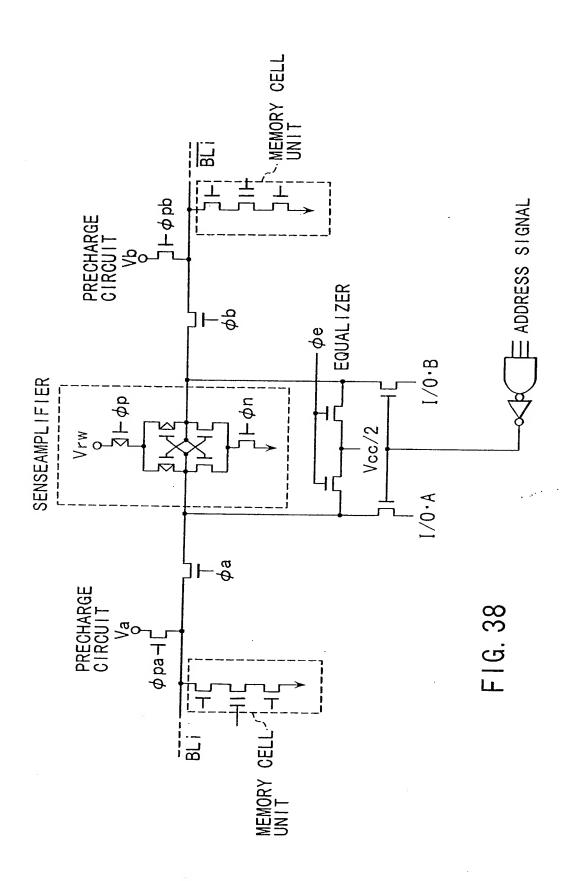
F1G. 35

1. 4. ·





F1G. 37



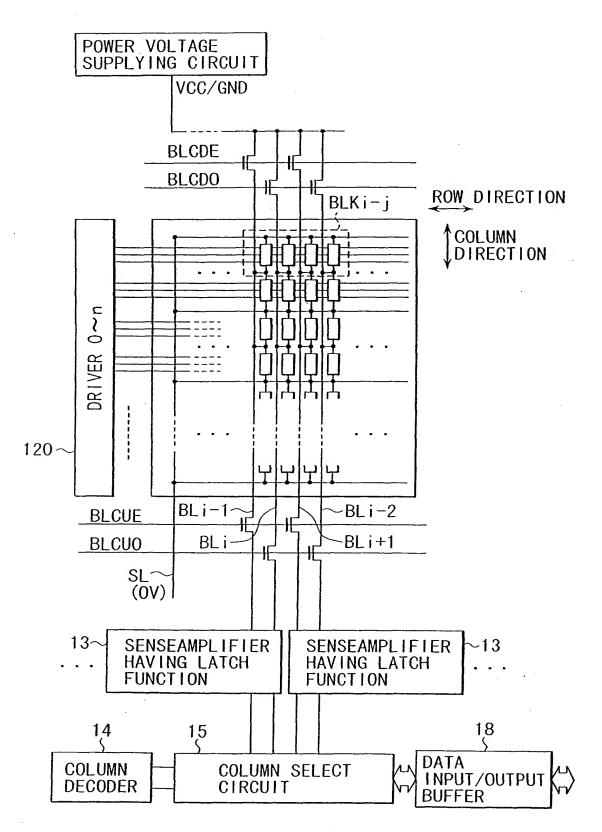
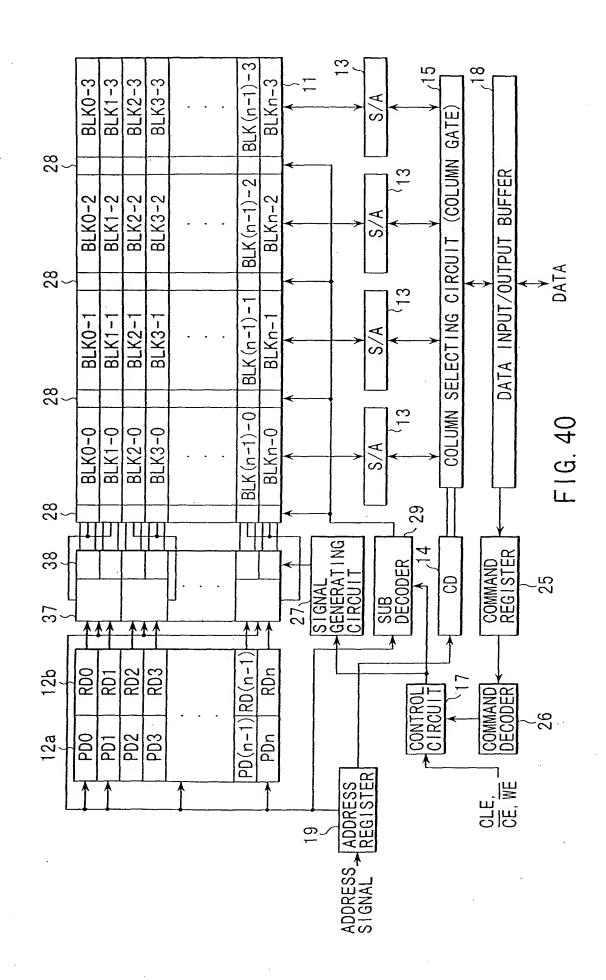
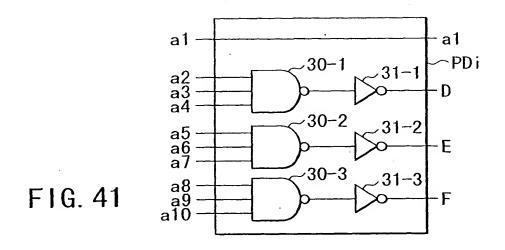
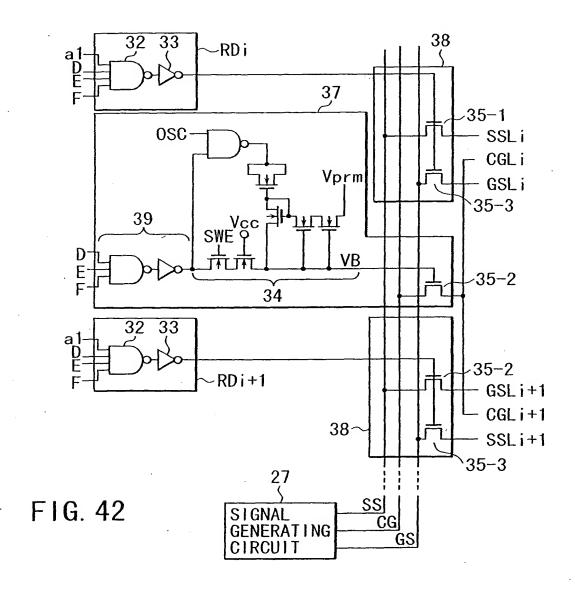
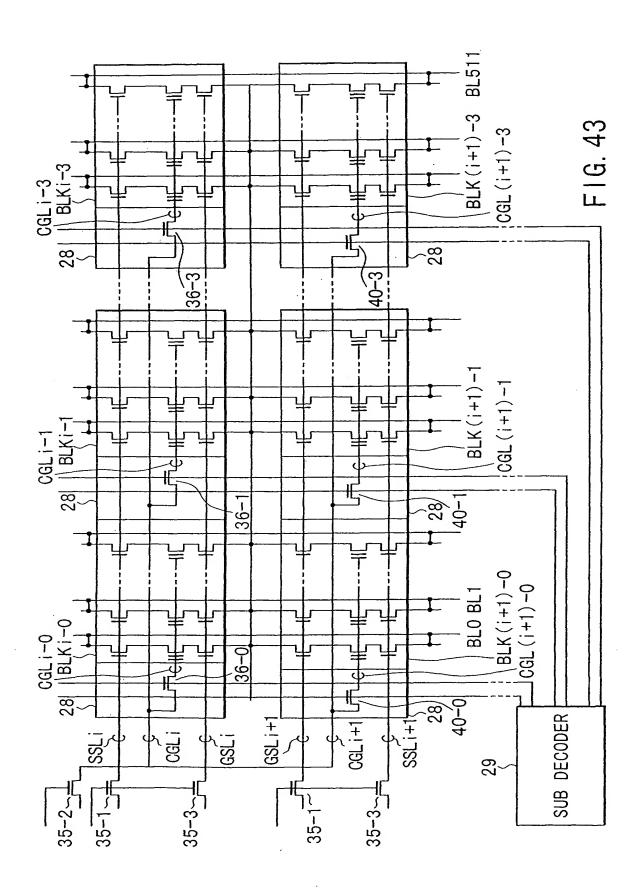


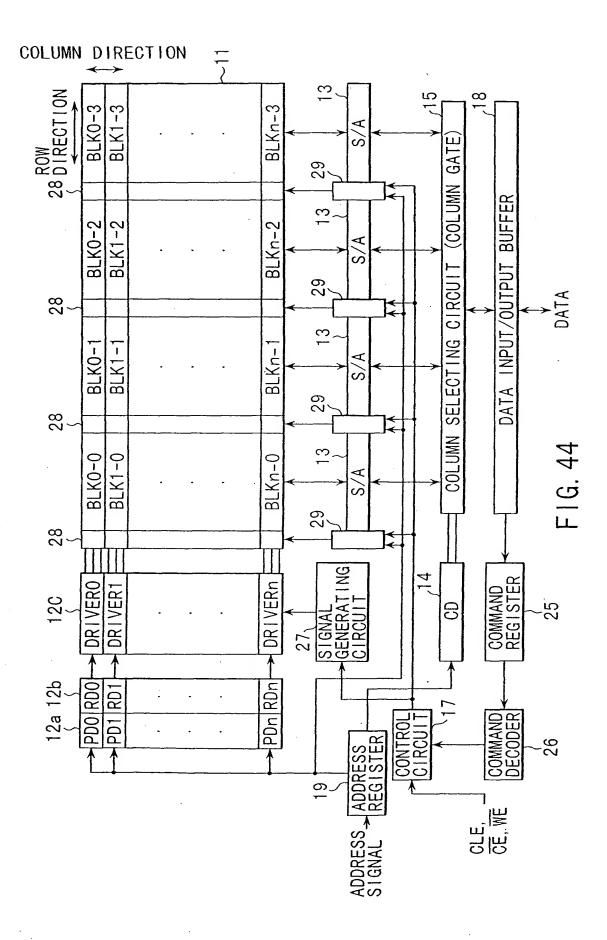
FIG. 39











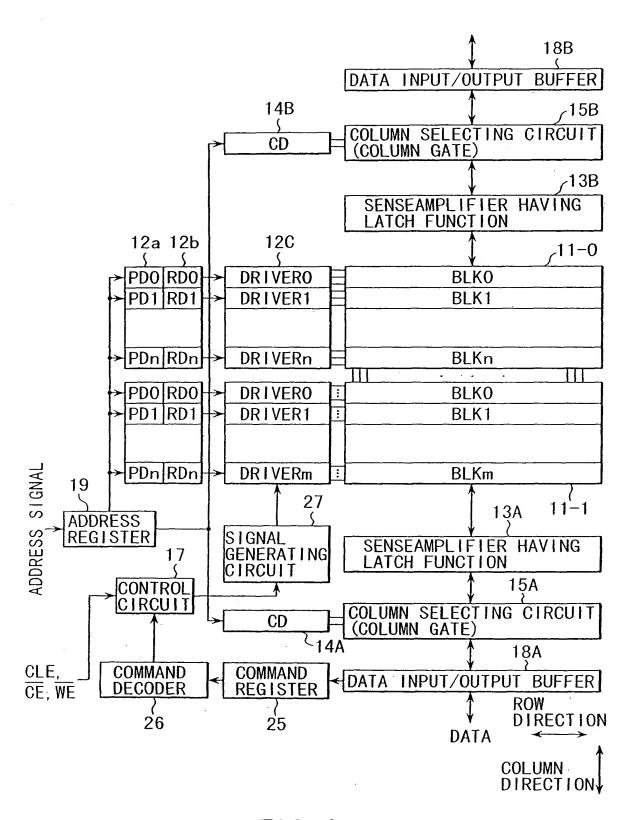
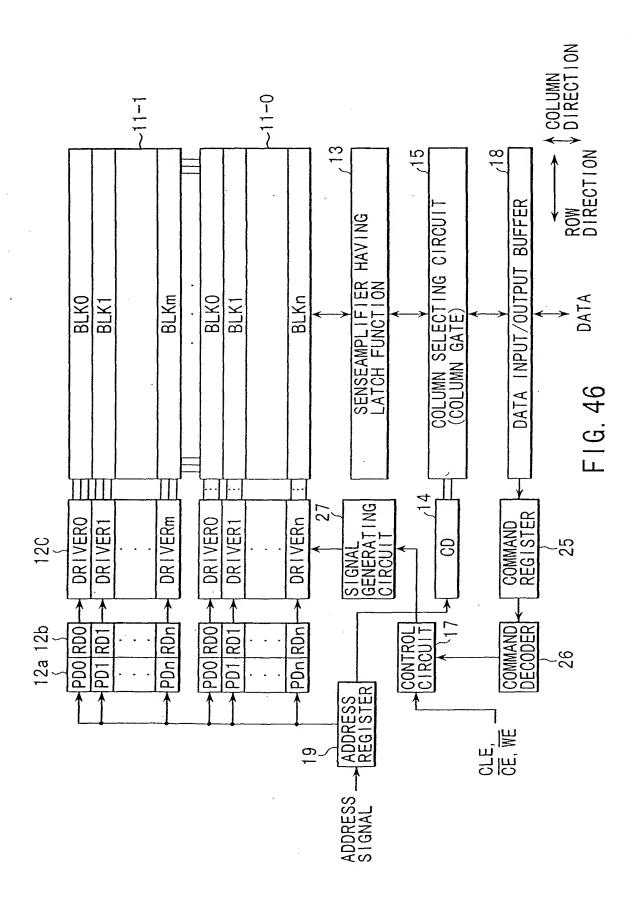
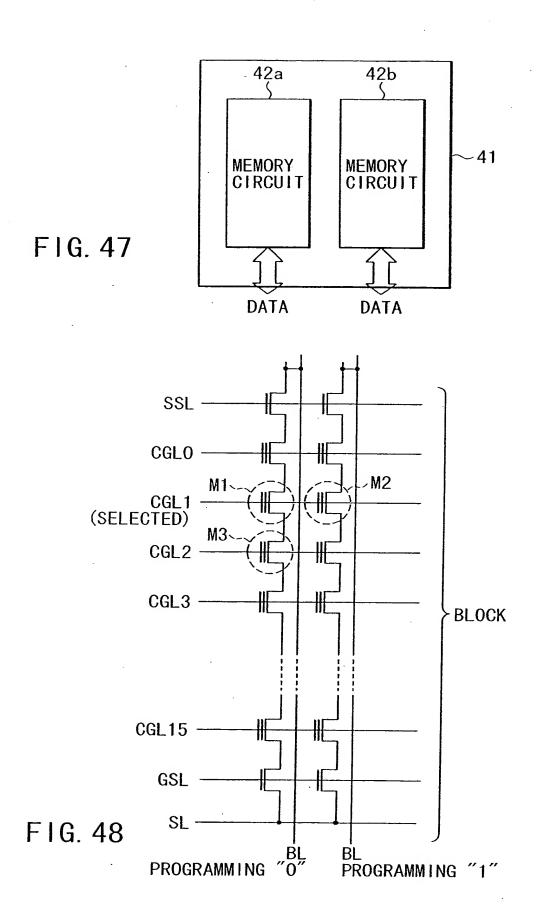


FIG. 45





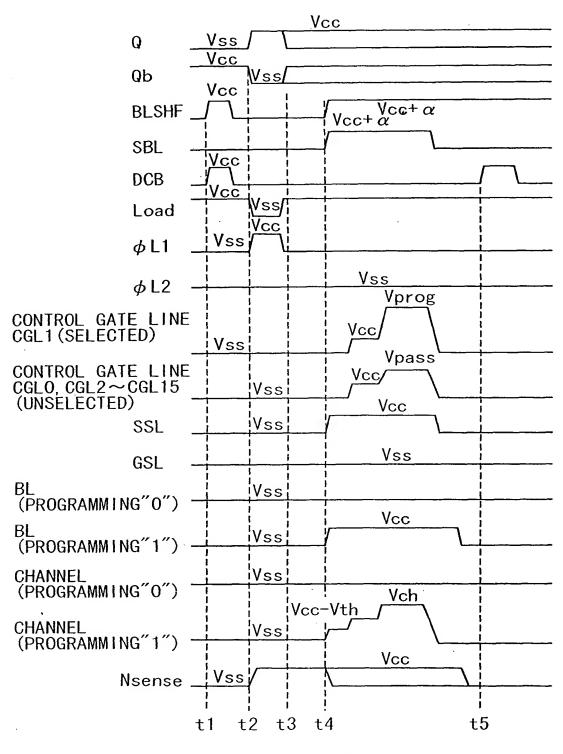


FIG. 49

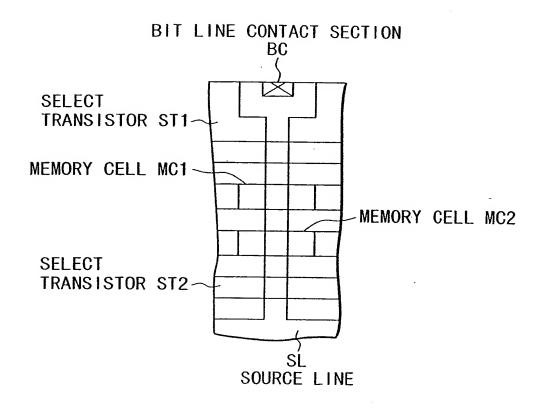


FIG. 50

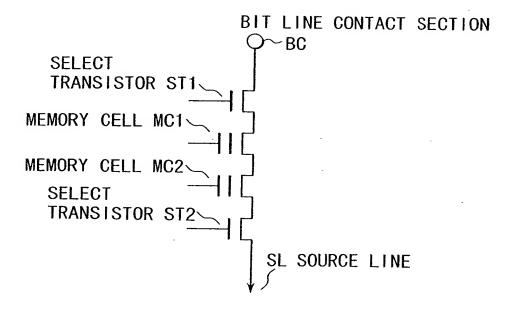


FIG. 51

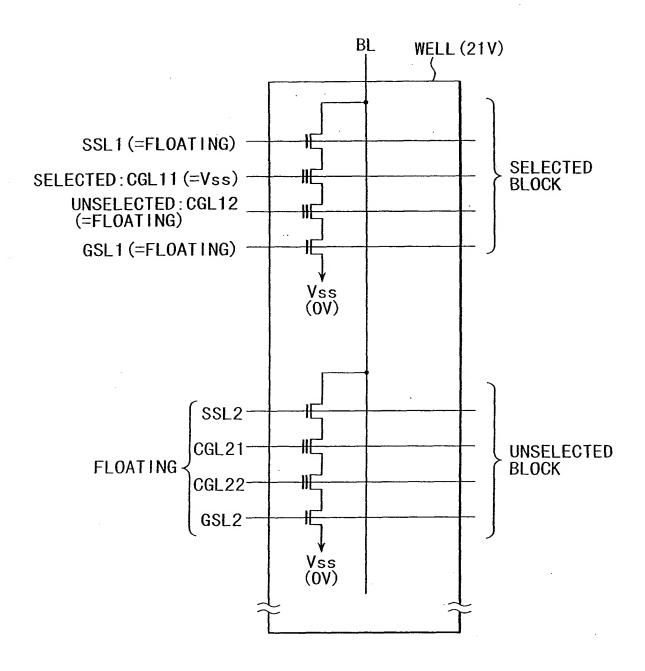
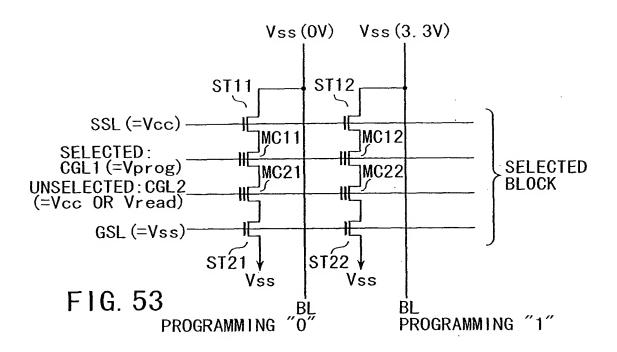
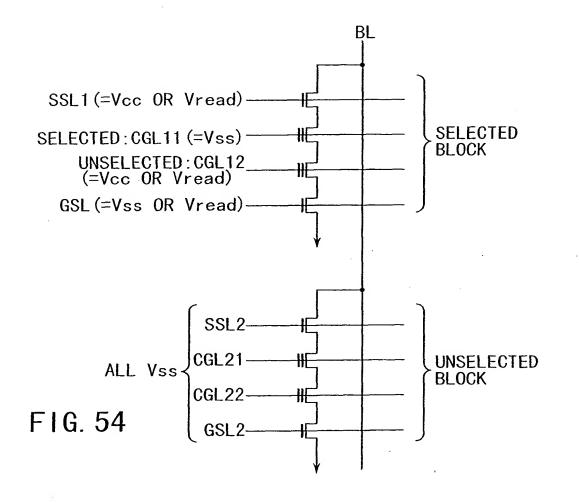
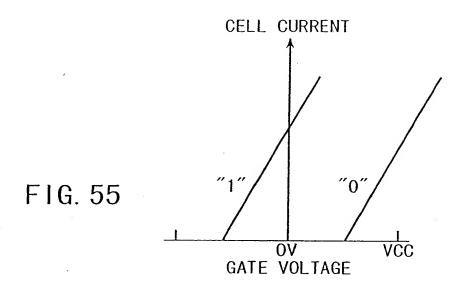
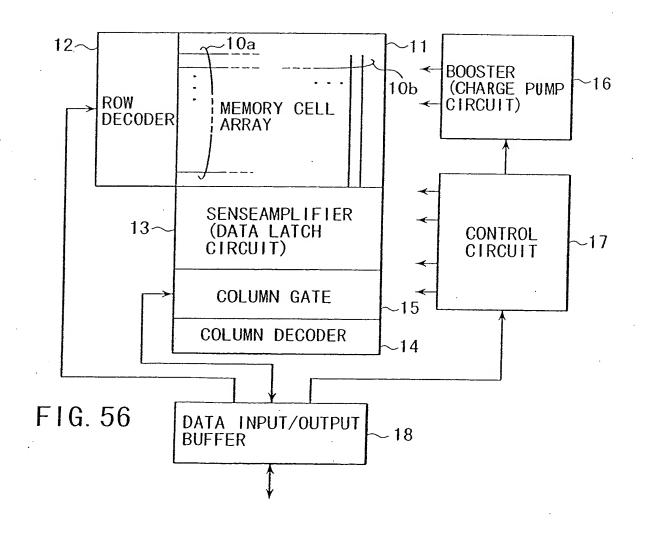


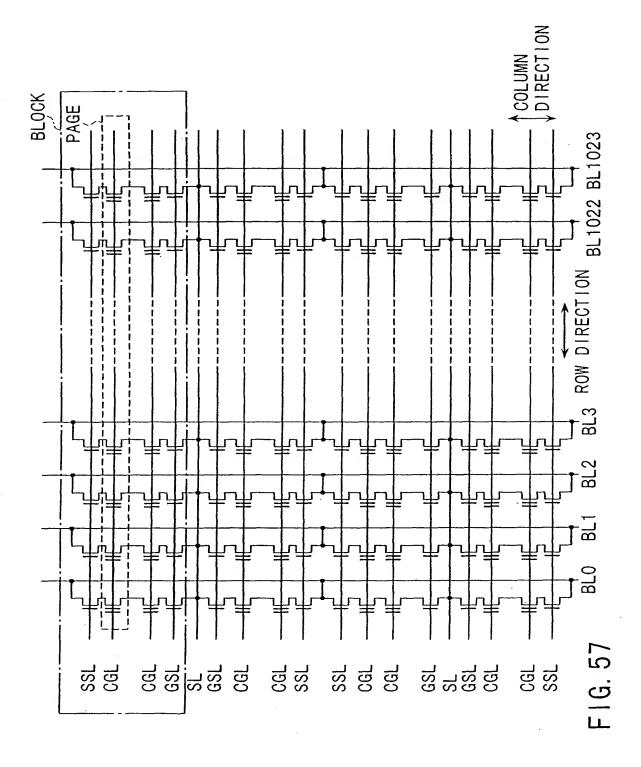
FIG. 52

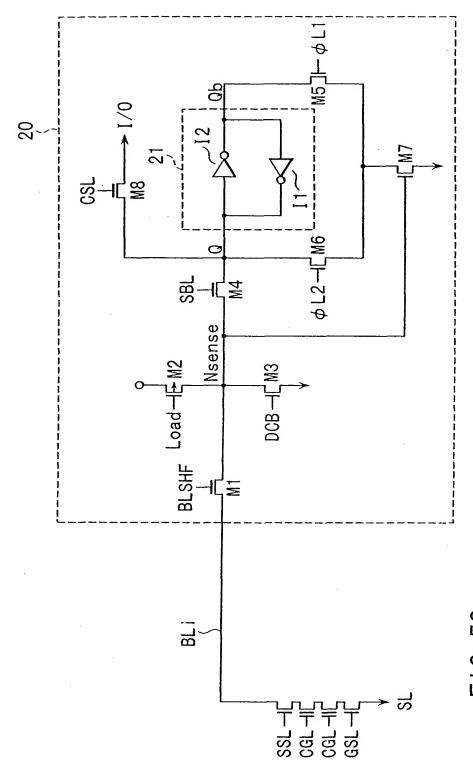












F1G. 58

-PROGRAM AND ERASE OPERATION FOR BYTE DATA

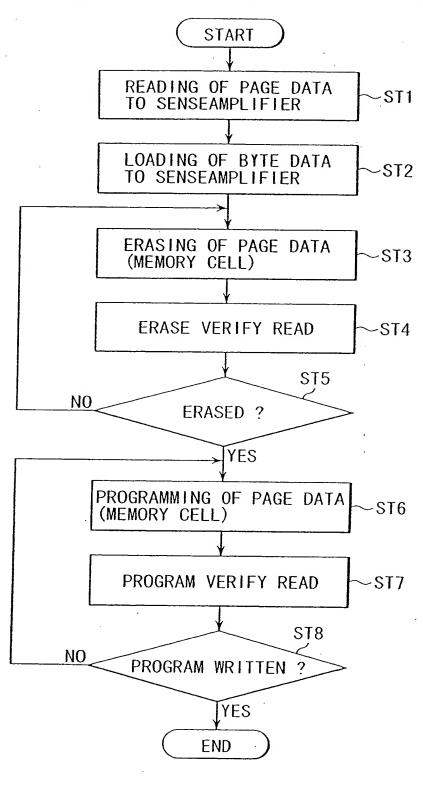


FIG. 59

-PROGRAM AND ERASE OPERATION FOR BYTE DATA 11 (a) PAGE DATA 1 0 1 1 (MEMORY CELL) READING(SENSEAMPLIFIER 010001 (VALUE OF NODE Qb) .11 (b) PAGE DATA (MEMORY CELL) SENSEAMPLIFIER (VALUE OF NODE Qb) → 0 1 0 0 0 1 OF BYTE DATA 1 1 0 0 1 0 1 0 (c) ERASING OF PAGE DATA PAGE DATA (MEMORY CELL) SENSEAMPLIFIER (VALUE OF NODE Qb) →010001 1 1 0 0 1 0 1 0 .11 (d) PAGE DATA (MEMORY CELL) 101110 00110101 PROGRAMMING OF PAGE DATA SENSEAMPLIFIER (VALUE OF NODE Qb) 01000 001010

FIG. 60

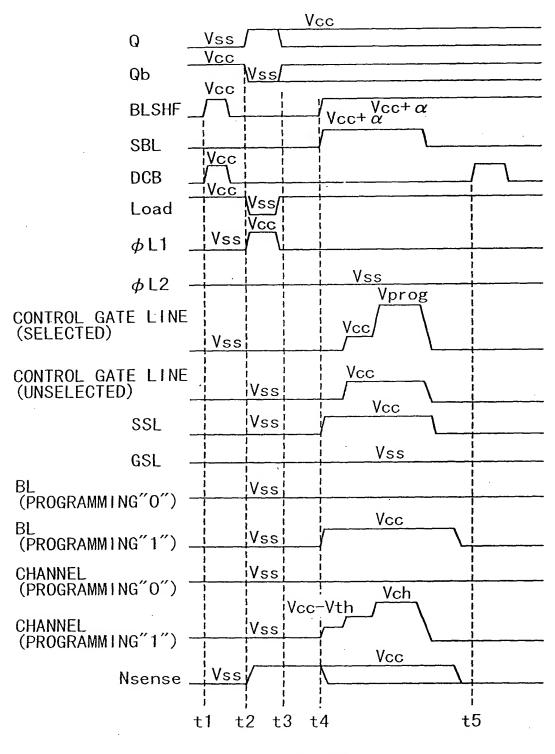


FIG. 61

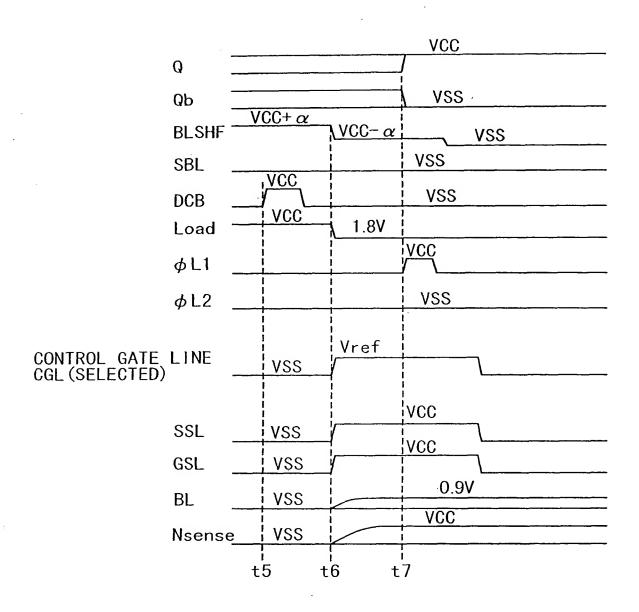
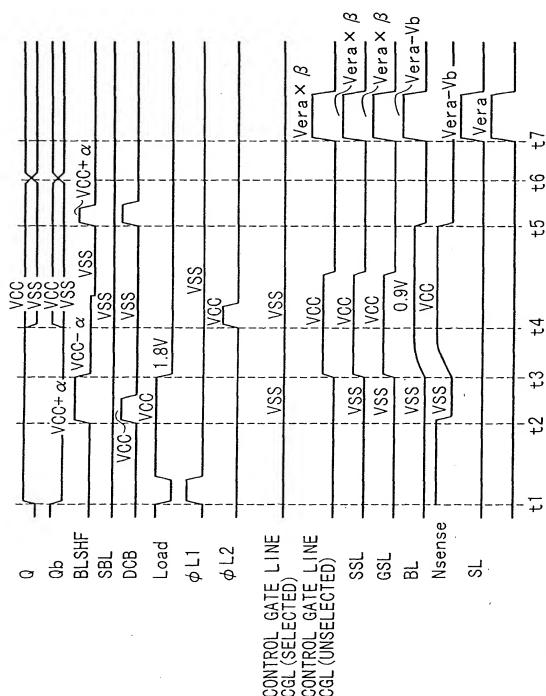
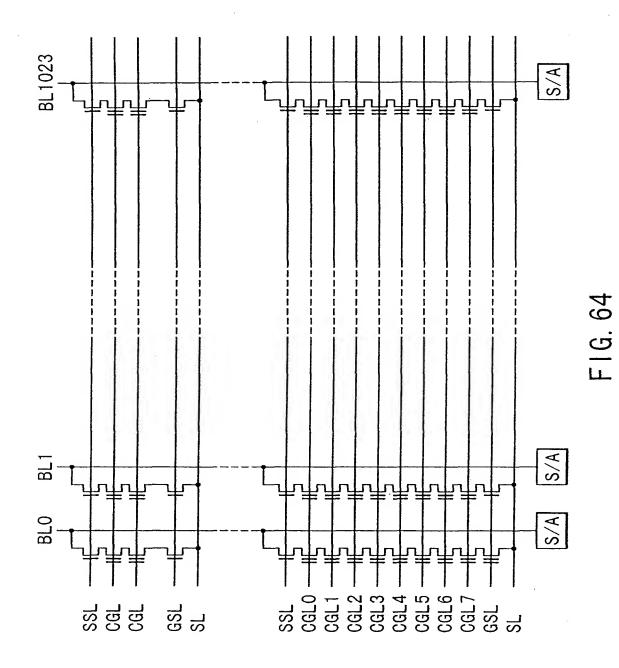
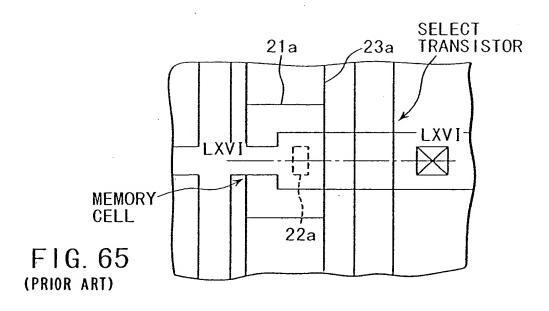


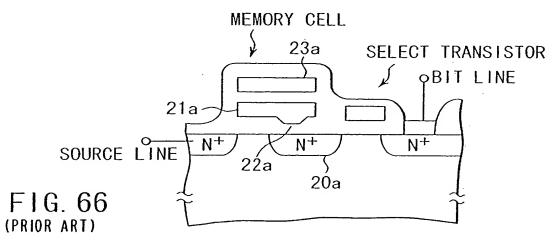
FIG. 62

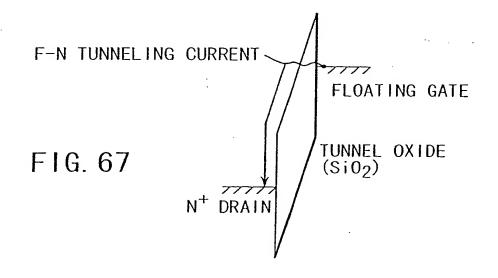


F1G. 63









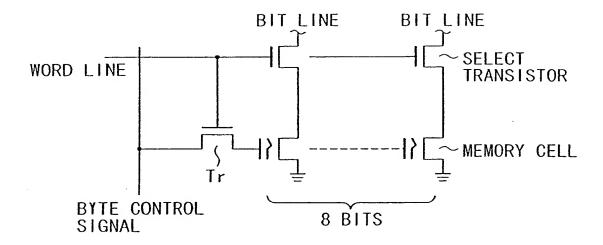


FIG. 68 (PRIOR ART)

